

FIG. 1

FIG. 2

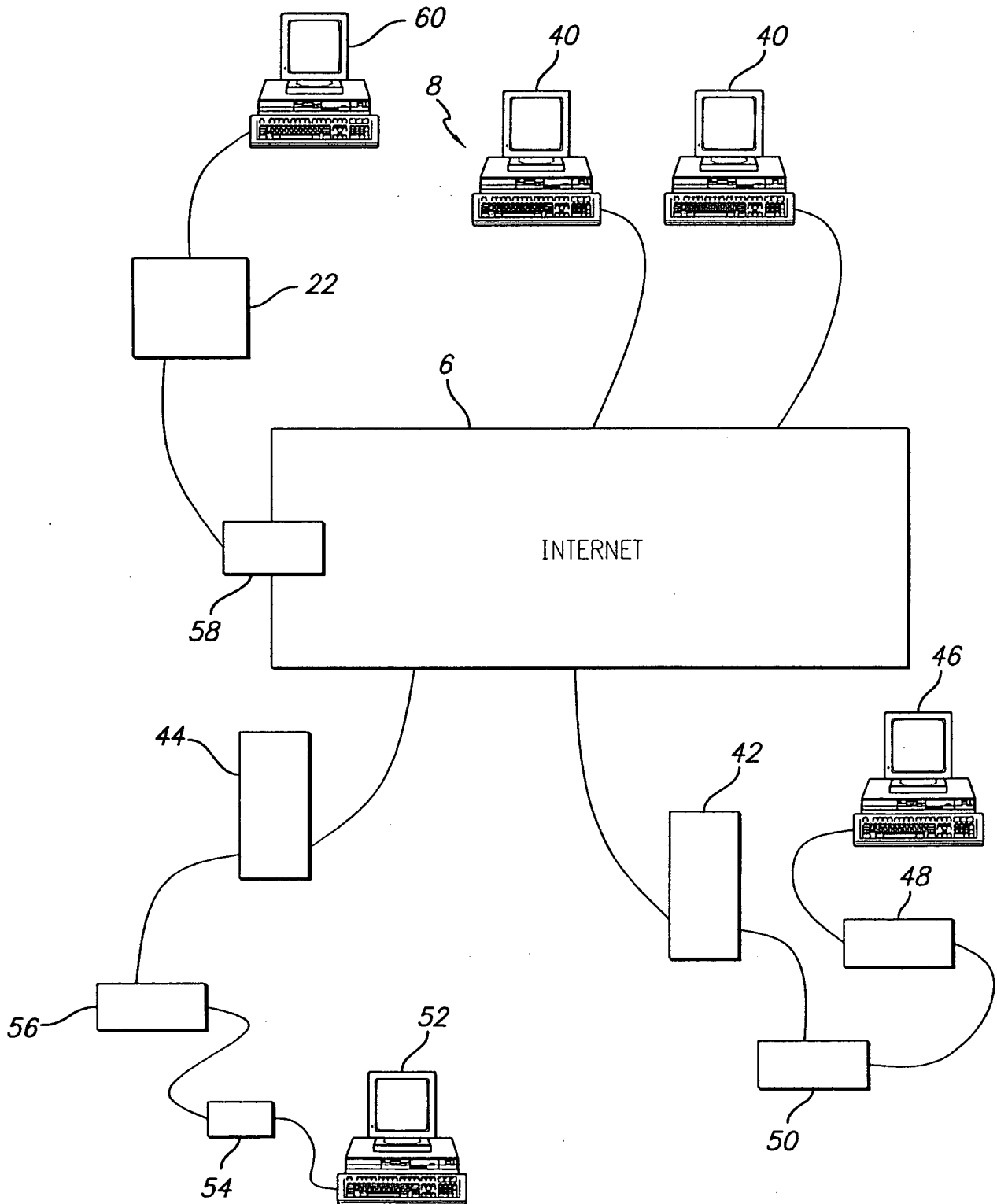


FIG. 3

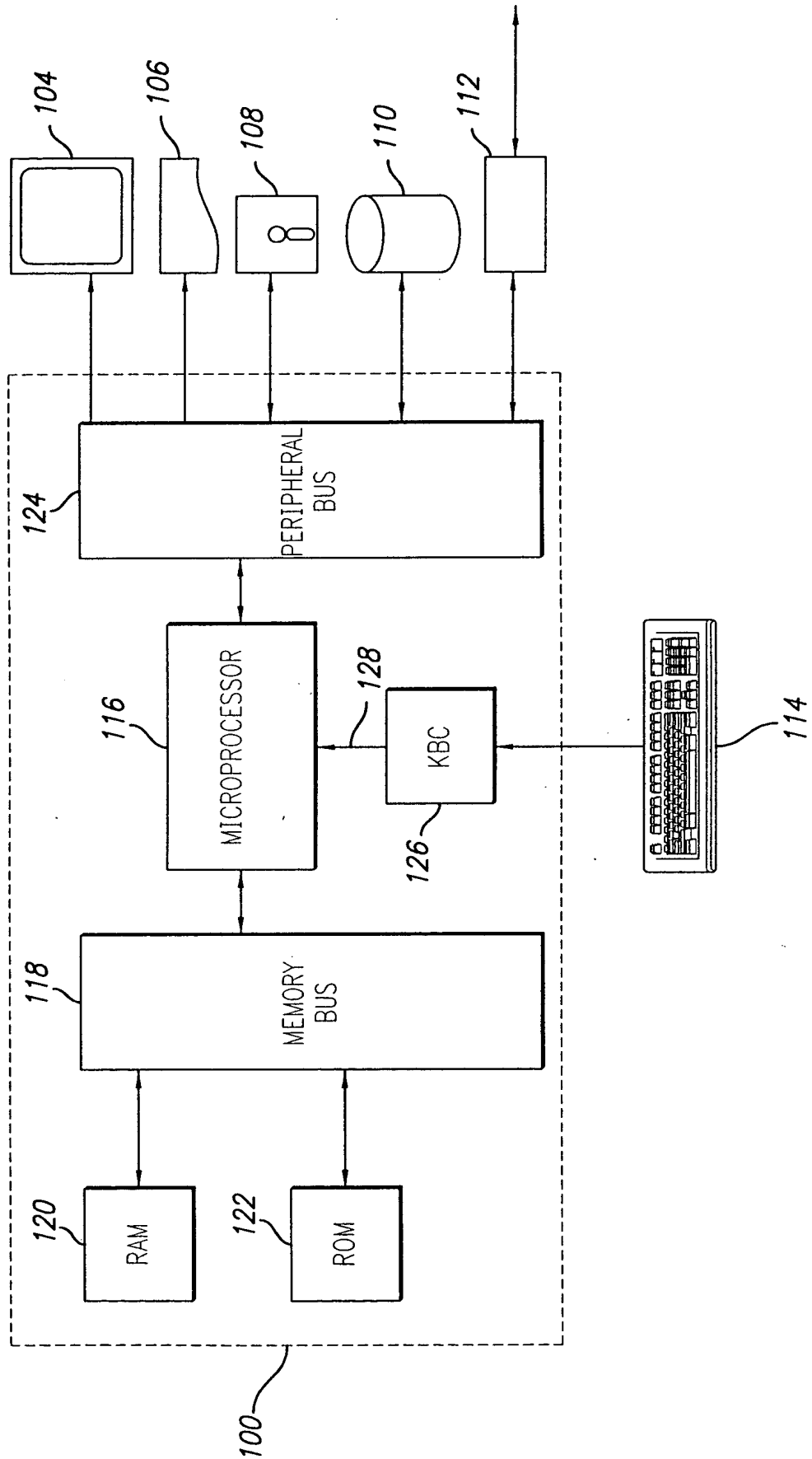


FIG. 4

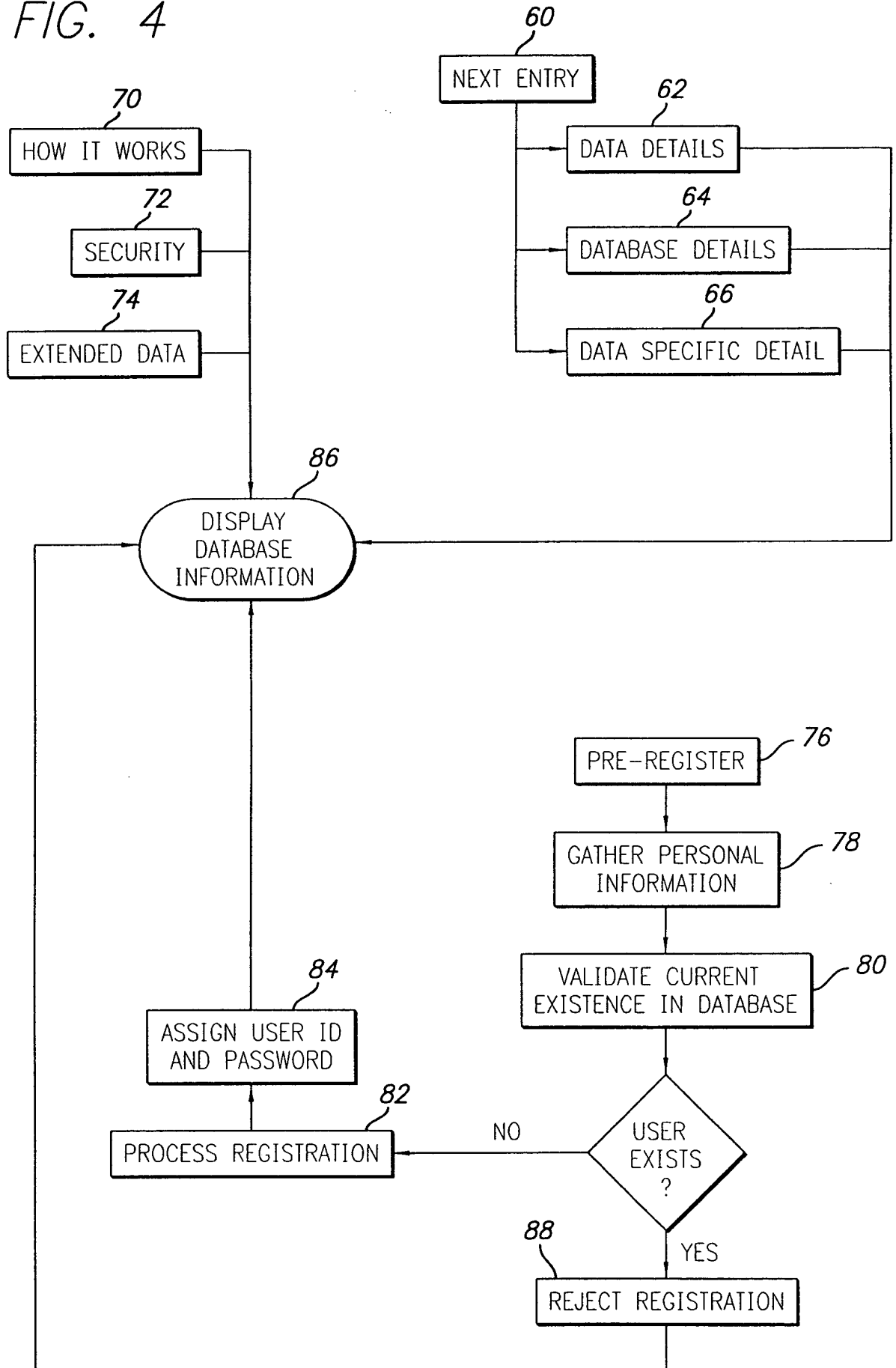
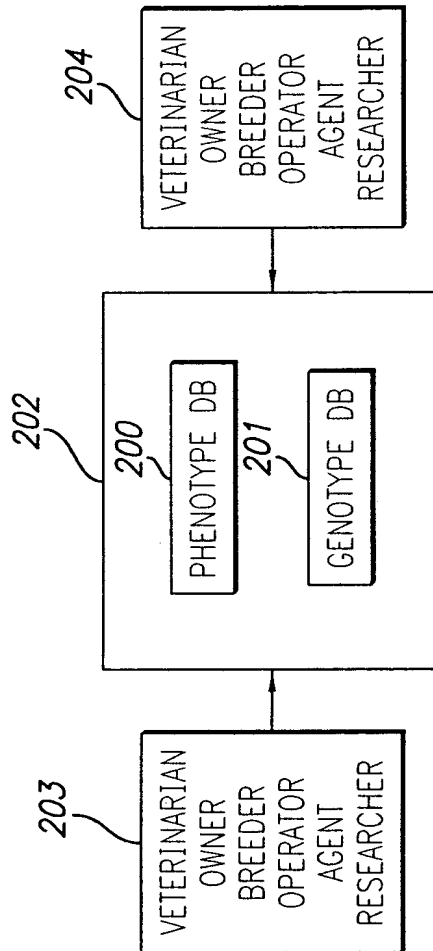


FIG. 5



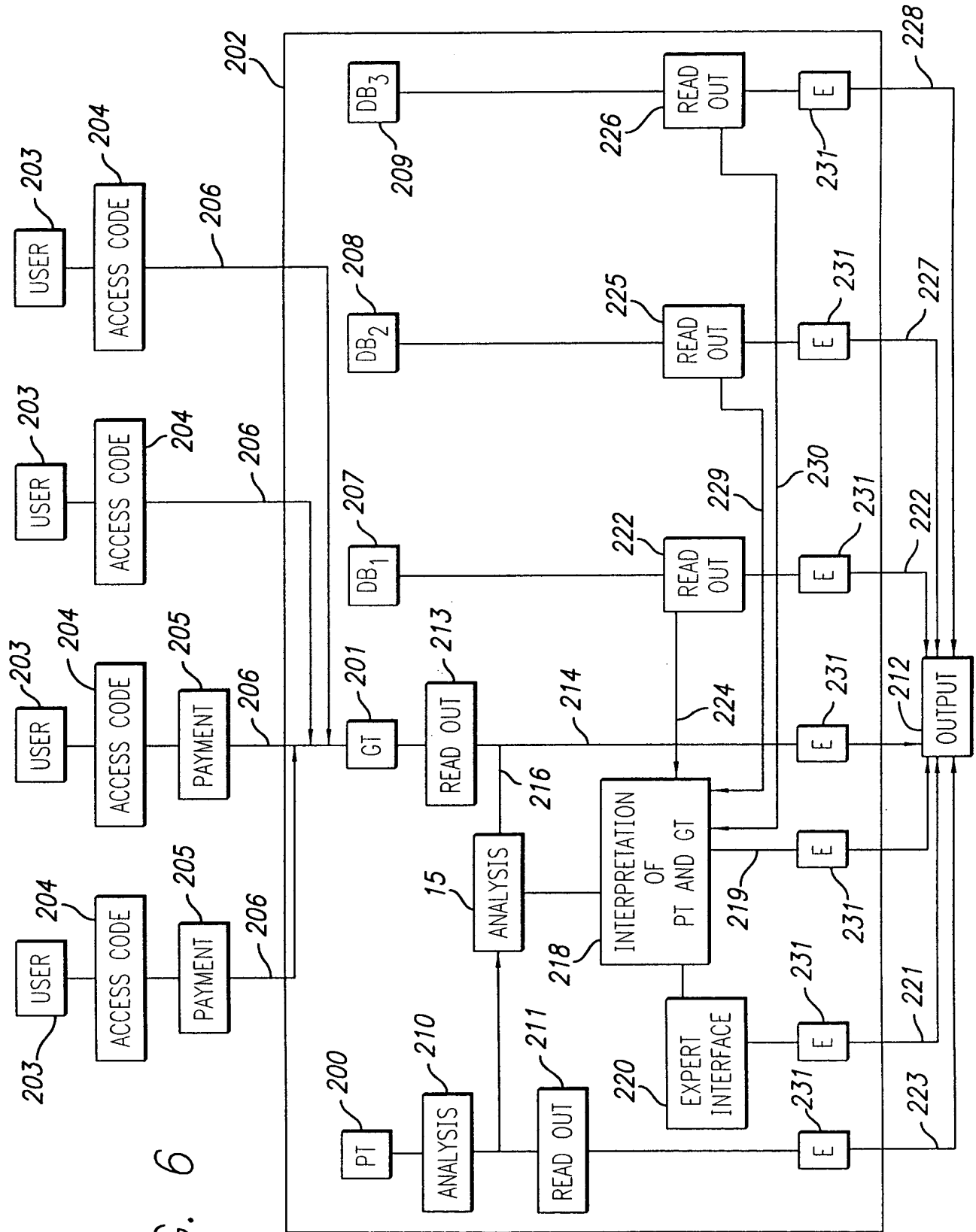
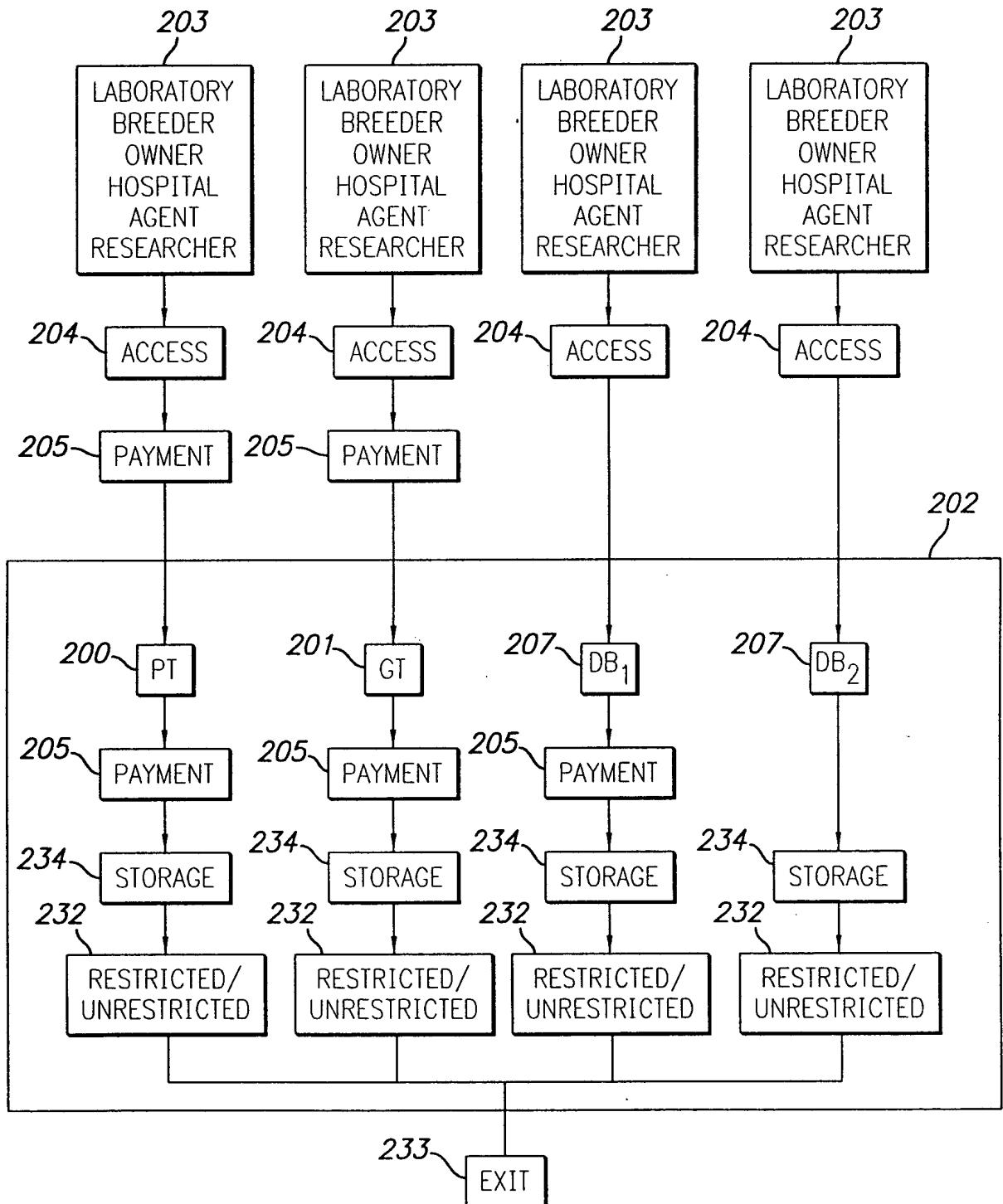


FIG. 6

FIG. 7



Laboratory - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Forward Stop Search History Favorites Home Pet

Address [2f02&StartDate=07%2F06%2F02&ItemsPerPage=10&OrderDir=0&OrderBy=0&FilterBy=0&FilterVal=0&Page=1](#)

Google Search Web Search Site Page Info Up Highlight

GO LINKS >>

Hemopet

Jean W. Dodds [change user/log out](#)

HOME (LABORATORY) SUPPLIES HEALTHY PET

LIBRARY MY ACCOUNT HELP

Laboratory

z(o)asis

TEST GUIDE LAB SUPPLIES

ORDERS

LAB SEARCH Patient Name Date 07/06/02 to 07/08/02 GO

View... Actions... ?

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Results for 07/06/02 - 07/08/02
(new results in bold)

Reported	Received	Patient	Owner	Doctor	Test
07/07/02	07/07/02				IRAB34070210 - Partial
					T3 (RIA) - Final
					T4 (RIA) - Final
					Free T3 - Final
					Free T4 - (RIA) - Final
					T3 Autoantibodies - Final
					T4 Autoantibodies - Final

Done Internet

FIG. 8

FIG. 9

Laboratory - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Forward Stop Search Favorites History Print

Address <http://www.zoosis.com/control/labreport.rtf>

Google Search Web Search Site Page Info Up Highlight

GO LINKS >>

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100

ANTECH DIAGNOSTICS 17672-A Cowan Avenue Irvine CA 92614 Phone: 800-745-4725
Henapet 11330 Markon Drive Garden Grove, CA 92841 Tel: 714-891-2022 Fax: 714-891-2132
Accession No. IRAB34070210
Species Canine Breed Golden Retriever CM Sex 3Y Pet Name Received 07/07/2002 Reported 07/08/2002 12:50 PM
Client # 20073 Chart #

Test Requested	Results	Reference Range	Units
T3 (RIA)	118	45-150	ng/dL
T4 (RIA)	2.58	1.0-4.0	µg/dL
FREE T3	4.2	3.0-8.0	pg/mL
FREE T4 (RIA)	2.40	0.65-3.00	ng/dL
T3 AUTOANTIBODIES	1.0	Less Than 2.0	
T4 AUTOANTIBODIES	0.7	Less Than 2.0	
PARVOVIRUS VACCINE TITER (STANDARD)	1:5		TITER
Parvovirus Vaccine Titer	1:5		
A titer of 1:5 or greater, with no clinical signs, indicates immunologic response to vaccination. A titer of less than 1:5 indicates poor immunologic response to vaccination.			
DISTEMPER VACCINE TITER (STANDARD)	1:5		TITER
Distemper, IgG	1:5		
A titer of 1:5 or greater, with no clinical signs, indicates immunologic response to vaccination. A titer of less than 1:5 indicates poor immunologic response to vaccination.			

Unknown Zone

FIG. 10

ANTECH DIAGNOSTICS 17672-A Cowan Avenue Irvine CA 92614 Phone: 800-745-4725

Hemopet
11330 Markon Drive
Garden Grove, CA 92841
Tel: 714-891-2022
Fax: 714-891-2123

Client # 20073
Chart #

Accession No. IRAB34070210	Doctor CASE	Owner BERKSHIRE	Pet Name GIPPER	Received 07/07/2002
Species Canine	Breed Golden Retriever	Sex CM	Pet Age 3Y	Reported 07/08/2002 12:50 PM

Test Requested	Results	Reference Range	Units
T3 (RIA)			
T3 (RIA)	118	45-150	ng/dL
T4 (RIA)			
T4 (RIA)	2.58	1.0-4.0	µg/dL
FREE T3			
Free T3	4.2	3.0-8.0	pg/mL
FREE T4 (RIA)			
Free T4 (RIA)	2.40	0.65-3.00	ng/dL
T3 AUTOANTIBODIES			
T3 Autoantibodies	1.0	Less Than 2.0	
T4 AUTOANTIBODIES			
T4 Autoantibodies	0.7	Less Than 2.0	
PARVOVIRUS VACCINE TITER (STANDARD)			
Parvovirus Vaccine Titer	1:5		TITER
A titer of 1:5 or greater, with no clinical signs, indicates immunologic response to vaccination. A titer of less than 1:5 indicates poor immunologic response to vaccination.			
DISTEMPER VACCINE TITER (STANDARD)			
Distemper, IgG	1:5		TITER
A titer of 1:5 or greater, with no clinical signs, indicates immunologic response to vaccination. A titer of less than 1:5 indicates poor immunologic response to vaccination.			
THYROGLOBULIN AUTOANTIBODIES (Pending)			

FIG. 11

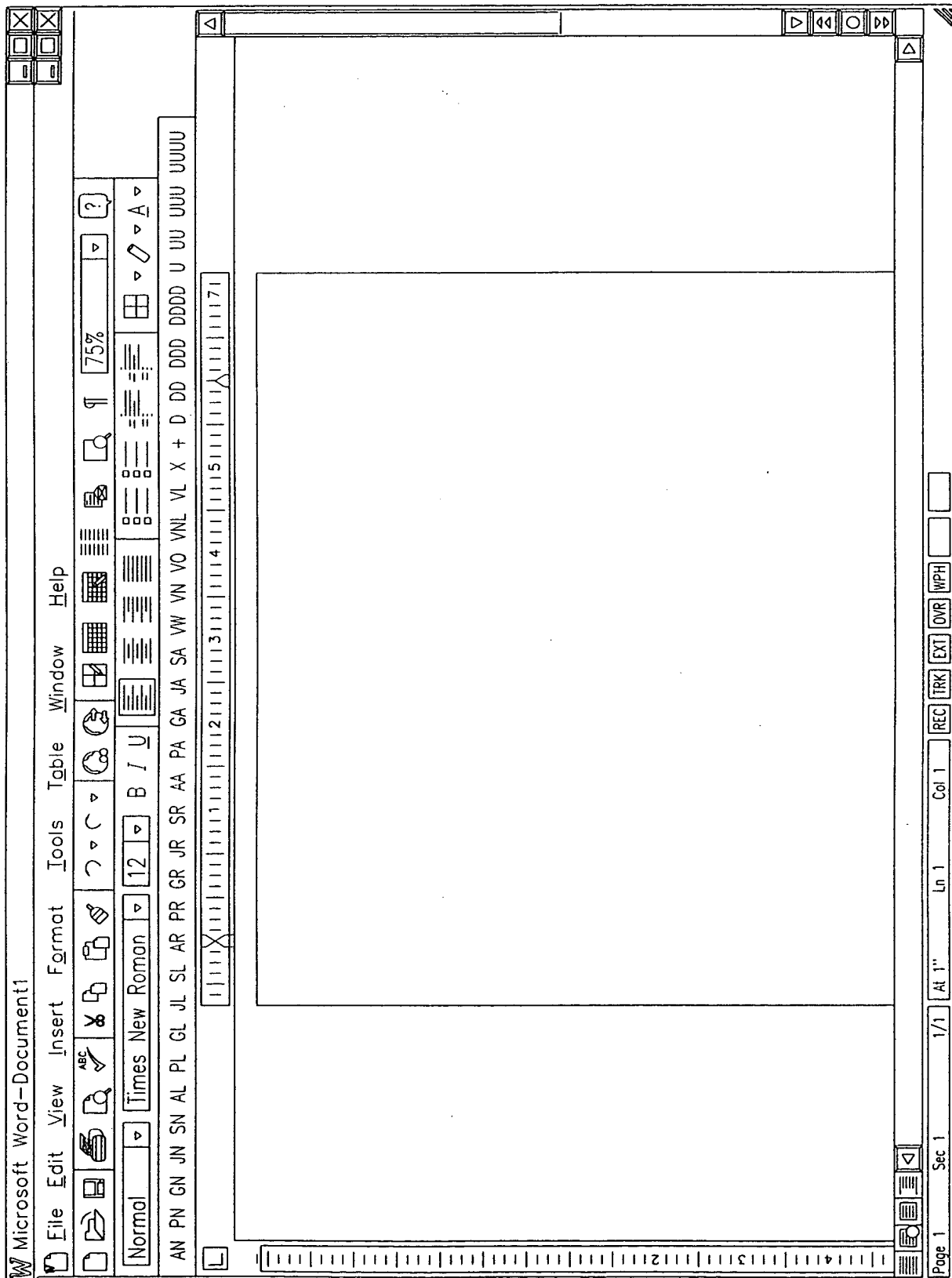


FIG. 12

tstsub.htm

Page 1 of 2

(18)
(10F3)

TEST REQUEST SUBMISSION FORM

W. Jean Dodds, DVM

HEMOPET 11330 Markon Drive, Garden Grove, CA 92841 Please Note: New Address & Phone Number

PHONE: 714/891-2022 FAX: 714/891-2123

(DR. DODDS/HEMOPET: ANTECH ACCT. #20073)

Date: _____

Veterinarian/ Clinic: _____

Address: _____

City: _____ State: _____ Zip: _____

Phone: _____ Fax: _____

Client: _____

Address: _____

City: _____ State: _____ Zip: _____

Phone: _____ Fax: _____

ANIMAL INFORMATION: Canine (old Ref) Feline _____ Equine _____ Other _____

Pet Name: _____ Breed: M F _____ M ☒ Altered: Yes ☒ No _____

Date of Birth: 12/28/98 Weight: 7.8

Brief History & Reason For Test: MAY 9, 10 INFLAMMATORY THYROIDITIS

IRAB32024700 5/4/02

(Check test or tests desired and enclose appropriate fees)

Tests:	Cost:
<input type="checkbox"/> Thyroid Antibody Profile (D8T) Profile	\$ 37.50
(If on therapy, what dose and how many hours post-pill?)	
<input type="checkbox"/> - ADD ON TSH to D8T	\$ 19.00
<input type="checkbox"/> - ADD ON TgAA to D8T	\$ 17.00
<input type="checkbox"/> von Willebrand Test (vWD)	\$ 33.00
<input type="checkbox"/> Profile 6400 (Thyroid & vWD)	\$ 56.50
<input type="checkbox"/> Profile 7200 (CBC, Differential, Superchem & Thyroid Antibody Profile)	\$ 59.50
<input type="checkbox"/> Profile SA150 (7122) Distemper & Parvo Vaccine Titers	\$ 28.00

<http://www.itsfortheanimals.com/TSTSUB.HTM>

QNS for
Rabies

Called

✓ Thyroxine 7mg
bid.
LAST PILL 4:35AM
7-5-02
✓ CHECK SENT
BY OWNER:
PAID 7/6/02
CHECK # 7804
AMOUNT \$160.00
DA

FIG. 13

ANTECH DIAGNOSTICS 17672-A Cowan Avenue Irvine CA 92614 Phone: 800-745-4725

Hemopet
11330 Markon Drive
Garden Grove, CA 92841
Tel: 714-891-2022
Fax: 714-891-2123

Client # 20073
Chart #

Retest
IRAB32024700
5/4/02
5 hrs post-pill Thyroxine
0.7 mg BID

Accession No. IRAB34070210	Doctor CASE	Owner BERKSHIRE	Pet Name GIPPER	Received 07/07/2002
Species Canine	Breed Golden Retriever	Sex CM	Pet Age 3YRS 7 mo	Reported 07/08/2002 12:50 PM

Test Requested	Results	Reference Range	Units
T3 (RIA)			
T3 (RIA)	118	45-150	ng/dL
T4 (RIA)			
T4 (RIA)	↓ 2.58	1.0-4.0	μg/dL
FREE T3			
Free T3	4.2	3.0-8.0	pg/mL
FREE T4 (RIA)			
Free T4 (RIA)	2.40	0.65-3.00	ng/dL
T3 AUTOANTIBODIES			
T3 Autoantibodies	1.0	Less Than 2.0	
T4 AUTOANTIBODIES			
T4 Autoantibodies	0.7	Less Than 2.0	
PARVOVIRUS VACCINE TITER (STANDARD)			
Parvovirus Vaccine Titer	1:5	ADEQUATE LEVEL	TITER
A titer of 1:5 or greater, with no clinical signs, indicates immunologic response to vaccination. A titer of less than 1:5 indicates poor immunologic response to vaccination.			
DISTEMPER VACCINE TITER (STANDARD)			
Distemper, IgG	1:5		TITER
A titer of 1:5 or greater, with no clinical signs, indicates immunologic response to vaccination. A titer of less than 1:5 indicates poor immunologic response to vaccination.			

→ **THYROGLOBULIN AUTOANTIBODIES (Pending)**

Dear Colleague: T4 looks low here but rest is adequate.
7/8/02
2

Adult Optimal Levels	T4 3-5 μg/dl	FT4 1-3 ng/dl	T4AA < 2.0
	T3 50-150 ng/dl	FT3 3-8 pg/ml	T3AA < 2.0

- X Optimal therapeutic response levels should be in the upper 1/3 to 25% above the upper limits of the resting optimal ranges at 4-6 hours post-BID thyroid medication.
- X Thyroid levels are fine at the current dose *unless T₃AA remains as high as 5/4/02 (>4000!)* Recommend annual retesting.
- Thyroid levels are too high. Recommend reducing current dosage of thyroid supplement by ____ (e.g. ____ mg BID), and retest after another 4-6 weeks.

FIG. 14A

Accession No. IRAB34070210	Doctor CASE	Owner BERKSHIRE	Pet Name GIPPER	
T	st Requested	Results	Reference Range	Units
<input type="checkbox"/>	Thyroid levels are too low. Recommend increasing current dosage of thyroid supplement by _____ (e.g. _____ mg BID), and retest after another 4-6 weeks.			

W. Jean Dodds, DVM

Vaccine Titer Serology

- X Serologic/vaccine titers for distemper and parvovirus show adequate humoral immunity indicating that this dog should respond with a boosted anamnestic response to afford protection against these agents upon exposure.
- X Recheck serologic/vaccine titers annually.

W. Jean Dodds, DVM

FIG. 14B

Adult Optimal Levels	T4 2-4 $\mu\text{g/dl}$	FT4 1-3 ng/dl	T4AA < 2.0
	T3 50-150 ng/dl	FT3 3-8 pg/ml	T3AA < 2.0

- ☐ Thyroid levels are adequate, borderline normal, very good, or excellent.
- ☐ Recommend annual retesting during anestrus.
- ☐ Thyroid results are borderline normal. Recommend retesting in _____ months.

W. Jean Dodds, DVM

Adult Optimal Levels	T4 2-4 $\mu\text{g/dl}$	FT4 1-3 ng/dl	T4AA < 2.0
	T3 50-150 ng/dl	FT3 3-8 pg/ml	T3AA < 2.0

- ☐ Thyroid levels are below minimal expectations for a healthy performance adult (at least 1.5 $\mu\text{g/dl}$ for T4 and 1.0 ng/dl for FT4).
- ☐ Thyroid levels are too low. Recommend 6-8 weeks of Soloxine[®] or equivalent product at 0.1mg per _____ lbs twice daily (e.g. _____ mg BID) is recommended, followed by retesting thyroid profile 4-6 hours post-pill to monitor response levels.
- ☐ If clinical signs support thyroid dysfunction, a 6-8 week trial of Soloxine[®] or equivalent product at 0.1mg per _____ lbs twice daily (e.g. _____ mg BID) is recommended, followed by retesting thyroid profile 4-6 hours post-pill to monitor response levels.
- ☐ Optimal therapeutic response levels should be in the upper 1/3 to 25% above the upper limits of the resting optimal ranges at 4-6 hours post-BID thyroid medication.

W. Jean Dodds, DVM

Adult Optimal Levels	T4 2-4 $\mu\text{g/dl}$	FT4 1-3 ng/dl	T4AA < 2.0
	T3 50-150 ng/dl	FT3 3-8 pg/ml	T3AA < 2.0

- ☐ These results confirm autoimmune thyroiditis, the heritable form of canine thyroid disease. Elevated levels of T3AA and/or T4AA cause spurious elevations in T3/FT3 and/or T4/FT4 because these circulating autoantibodies interfere with laboratory tests of thyroid analytes. The lymphocytic infiltration and gradual destruction of thyroid tissue progresses to end-stage hypothyroidism, as determined by the clinical signs and low T4 and/or FT4 values referable to

FIG. 15A

thyroid disease. Recommend 6-12 weeks of Soloxine[®] or equivalent product at 0.1 mg per _____ lbs twice daily (e.g. _____ mg BID). Retest thyroid profile drawing the sample 4-6 hours post-pill (to reassess levels which should be upper 1/3 to 25% above the resting ranges, and see if thyroid AA levels are waning).

- ☐ Elevated levels of thyroglobulin autoantibodies are diagnostic of lymphocytic thyroiditis.
- ☐ As autoimmune thyroiditis is the heritable form of canine thyroid disease, we do NOT recommend using this dog for breeding.

W. Jean Dodds, DVM

Von Willebrand Disease

- ☐ vWF: Ag level is normal.
- ☐ vWF: Ag level is probably normal. You may elect to retest this dog at some later date to confirm status.
- ☐ vWF:Ag level is borderline normal (equivocal) indicating that the dog may be a carrier of von Willebrand disease (vWD). What do we know about the vWD status of the parents? Recommend retesting or breeding this dog only to mates with normal vWF:Ag levels (>70%), and checking their pups.
- ☐ vWF:Ag level is abnormal indicating that the dog is a carrier of vWD. What do we know about the vWD status of the parents? Recommend breeding only to mates with normal vWF:Ag levels of (>70%), and checking their pups.
- ☐ vWF:Ag level is low and this patient has clinical signs of a bleeding tendency, indicating presence of vWD (affected animal). We do not recommend using the animal for breeding. Please contact us if we can help with advice and/or blood products to treat the dog (HEMOPET blood bank # 949-252-8455).

W. Jean Dodds, DVM

Vaccine Titer Serology

- ☐ Serologic/vaccine titers for distemper and parvovirus show adequate humoral immunity indicating that this dog should respond with a boosted anamnestic response to afford protection against these agents upon exposure.
- ☐ Recheck serologic/vaccine titers annually.

FIG. 15B

- ☐ Serologic/vaccine titers show humoral immunity for distemper and parvovirus of less than optimal levels. This may mean that the dog is less than adequately protected against these agents in the event of exposure.
- ☐ Recommend booster vaccination for distemper and parvovirus. Recheck titers again after at least 3 weeks or assume that humoral immunity has been boosted appropriately.
- ☐ Consider booster vaccination for distemper and parvovirus unless the dog has history of adverse vaccine reaction, immune-mediated disease, or some other immune dysfunction.
- ☐ Minimize risk for exposure to infectious diseases by avoiding areas where many animal congregate or exercise etc.

W. Jean Dodds, DVM

FIG. 15C